

origin: United States. **developed:** H.J. Hodgson, A.C. Wilton, R.L. Taylor, L.J. Klebesadel.. **origin institute:** Alaska Agr. Exp. Sta., Palmer, Alaska 99645 United States. **cultivar:** POLAR. **pedigree:** Derived from 16 superior clones selected from over 200 clones evaluated for winterhardiness and forage yield. **other id:** CV-15. **source:** Crop Sci. 11(6):939 1971. **group:** CSR-BROMEGRASS. **other id:** W6 11044. **group:** W6. **remarks:** Considerable phenotypic variability exists among plants of Polar because of wide genotypic base of the parent clones. About 5% have very pubescent and 60% slightly pubescent nodes. About 75% of the lemmas are slightly to extremely pubescent. Less susceptible to lodging and spread by rhizomes somewhat less vigorously than most cvs. Outstanding winterhardiness in Alaska and produces consistently high forage yields. Perennial. Cultivar. Seed.

PI 562649. *Poa pratensis* L. POACEAE Kentucky bluegrass

Donated by: Ross, D.R., Alaska Plant Materials Center, HC 02 Box 7440, Palmer, Alaska 99645, United States. Received October 01, 1992.

origin: United States. **developed:** J.H. Hodgson, R.L. Taylor, A.C. Wilton, L.J. Klebesadel. **origin institute:** Alaska Agr. Exp. Sta., Palmer, Alaska 99645 United States. **cultivar:** NUGGET. **pedigree:** Traces to seed collection made at Hope, Alaska (60 deg. 54' N. lat.). **other id:** CV-5. **source:** Crop Sci. 11(6):938 1971. **group:** CSR-BLUEGRASS. **other id:** W6 11047. **group:** W6. **remarks:** Characterized by outstanding winterhardiness, abundant rhizome population, very dense, dark green turf with vertically oriented leaves, tolerance to close mowing, high tolerance to natural infestations of powdery mildew and *Helminthosporium* at Palmer, and rapid germination and vigorous seedling development. Semi-dwarf. Seed yields over 1000 kilograms per hectare. Susceptibility to snowmold in Alaska comparable to that of other cvs. Used primarily for turf and is the only known cv. of Kentucky bluegrass sufficiently winter-hardy for reliable use in Alaska. Perennial. Cultivar. Seed.

PI 562650. *Arctagrostis latifolia* (R. Br.) Griseb. POACEAE Polargrass

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